

Message

From: Wilson, Jennifer [wilson.jenniferA@epa.gov]
Sent: 9/26/2018 9:06:14 PM
To: Burdett, Cheryl [burdett.cheryl@epa.gov]
Subject: RE: Aquifers beneath Central Sands Dairy

Hi Cheryl,

Thank you for letting me know. I am not sure why this happened. I will delete the other file.

Thank you,
Jenny

From: Burdett, Cheryl
Sent: Wednesday, September 26, 2018 3:07 PM
To: Wilson, Jennifer <wilson.jenniferA@epa.gov>
Subject: RE: Aquifers beneath Central Sands Dairy

Hi Jennifer:

For some reason SharePoint said it was a read only and would not let me save, so I renamed it. Could you go in and review my comments along with Julianne's and delete one of the documents. I don't want people making comments on two separate documents.

Thank you.

Sorry, for the confusion.

Cheryl Burdett

From: Wilson, Jennifer
Sent: Wednesday, September 26, 2018 12:59 PM
To: Burdett, Cheryl <burdett.cheryl@epa.gov>
Subject: RE: Aquifers beneath Central Sands Dairy

Ex. 5 AC/AWP/DP

From: Burdett, Cheryl
Sent: Wednesday, September 26, 2018 12:58 PM
To: Wilson, Jennifer <wilson.jenniferA@epa.gov>
Subject: RE: Aquifers beneath Central Sands Dairy

Ex. 5 AC/AWP/DP

Cheryl Burdett

From: Wilson, Jennifer
Sent: Wednesday, September 26, 2018 12:57 PM
To: Burdett, Cheryl <burdett.cheryl@epa.gov>
Subject: RE: Aquifers beneath Central Sands Dairy

Hi Cheryl,

Ex. 5 AC/AWP/DP

Have a good day,
Jenny

From: Burdett, Cheryl
Sent: Wednesday, September 26, 2018 12:50 PM
To: Wilson, Jennifer <wilson.jenniferA@epa.gov>
Subject: FW: Aquifers beneath Central Sands Dairy

Hi Jennifer:

Ex. 5 AC/AWP/DP

Sincerely,

Cheryl Burdett

From: Burdett, Cheryl
Sent: Thursday, July 28, 2016 11:16 AM
To: Grubb, Christopher <Grubb.Christopher@epa.gov>
Subject: FW: Aquifers beneath Central Sands Dairy

Ex. 5 AC/AWP/DP

Sincerely,

Cheryl Burdett

From: Anderson, Milo
Sent: Friday, July 22, 2016 12:12 PM
To: Burdett, Cheryl <burdett.cheryl@epa.gov>
Cc: Tschampa, Andrew <tschampa.andrew@epa.gov>
Subject: Aquifers beneath Central Sands Dairy

Hi Cheryl,

Although after your call yesterday I determined and received confirmation from GWDWB that there are no designated sole source aquifers anywhere in Wisconsin, I wanted to be sure to point out that there are however aquifers everywhere throughout the state.

Ex. 5 AC/AWP/DP

Ex. 5 AC/AWP/DP

- The first attachment from the Ground Water Atlas of the US shows the 3 primary aquifer systems in Wisconsin. Central Sands Dairy would fall on the top of the letter 'O' in 'WISCONSIN' on the map, just inside the northern boundary of the Cambrian-Ordovician aquifer system (the green color with the number 30).
- The second attachment, also from the Ground Water Atlas of the US, shows that the Cambrian-Ordovician aquifer system actually has 3 different aquifers at various depths separated by confining layers.
- The next 3 attachments, one for each of the 3 different aquifers, all demonstrate that regardless of the aquifer, groundwater flow is in general in a southern direction away from the northern border of the Cambrian-Ordovician aquifer system near Central Sands Dairy.

Ex. 5 AC/AWP/DP

Ex. 5 AC/AWP/DP

Finally, the first five attachments are from these publications:

http://www.engr.uconn.edu/environ/envphys/pdf/envMeasurements/USGS_Groundwater%20Atlas.pdf

http://pubs.usgs.gov/ha/ha730/ch_1/J-Cambrian.html

Milo

From: Spaulding, William
Sent: Thursday, July 21, 2016 3:32 PM
To: Anderson, Milo <anderson.milo@epa.gov>
Subject: RE: Are there any sole source aquifers in Wisconsin?

You're correct – no SSAs in Wisconsin

From: Anderson, Milo
Sent: Thursday, July 21, 2016 3:11 PM
To: Spaulding, William <spaulding.william@epa.gov>
Subject: Are there any sole source aquifers in Wisconsin?

Hi Bill,

Looking at the attached map I did for you a year ago, it looks like the answer is no, no sole source aquifers in Wisconsin. But I wanted to check in with you to make sure that is your understanding. It has to do with a water enforcement case involving a CAFO in Wisconsin.

Milo